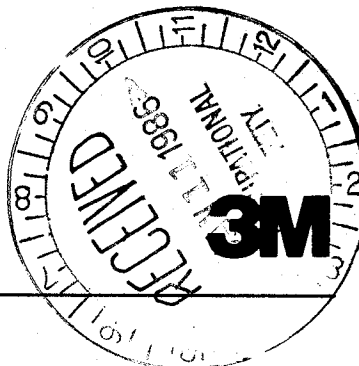


General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: SCOTCH-WELD(R) Epoxy Adhesive 2216-B (White)
3M I.D. NUMBER:
ISSUED: NOVEMBER 1, 1985
SUPERSEDES: JANUARY 1, 1985
DOCUMENT: 10-3167-3

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1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE	
			LIMITS	
=====				
epichlorohydrin/bisphenol A epoxy resin	N/A	72.0	N/D	5
aluminum silicate pigment	N/A	28.0	N/D	5

SOURCE OF EXPOSURE LIMIT DATA

1. ACGIH THRESHOLD LIMIT VALUES
2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
3. 3M EXPOSURE GUIDELINES
4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
5. NONE ESTABLISHED

ABBREVIATIONS

N/D - NOT DETERMINED
N/A - NOT APPLICABLE

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2. PHYSICAL DATA				
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BOILING POINT:	N/A	SOLUBILITY IN WATER:	Not soluble	
VAPOR PRESSURE:	N/A	SP. GRAVITY (WATER=1):	1.33	
VAPOR DENSITY (AIR=1):	N/A	PERCENT VOLATILE:	0	
EVAPORATION RATE (Ether=1):	N/A	VISCOSITY:	100,000 cps	
APPEARANCE AND ODOR:	White cream paste - very slight odor		pH: N/A	

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3. FIRE AND EXPLOSION HAZARD DATA				
=====				
FLASH POINT (Closed Cup):	N/A			
FLAMMABLE LIMITS - LEL:	N/A	UEL:	N/A	

EXTINGUISHING MEDIA:

CO2, foam, dry chemical, water

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

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NOVEMBER 1, 1985

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UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, N and smoke particles when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in other sections. Ventilate area. Collect spilled material, cleanup residue and place in a metal container (U.S. Dept. of Transportation approved if it is to be shipped).

RECOMMENDED DISPOSAL:

Since regulations vary, consult applicable regulations or authorities before disposal.

TWO PART SYSTEM: Combined parts (B and A), when fully cured, may be disposed in a sanitary landfill per regulations.

MAJOR SPILLS: Dispose of cleanup material by incineration in an industrial or commercial incineratory. Fully cured residual material and empty containers may be disposed in a sanitary landfill per regulations.

ENVIRONMENTAL DATA:

N/D

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Flush eyes with plenty of water for at least 10 minutes. Contact a physician.

SKIN CONTACT:

Wash thoroughly with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Drink two glasses of milk or water and call a physician.

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7. PRECAUTIONARY INFORMATION

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Avoid contact with eyes and skin. Avoid inhalation of, or eye contact with, dust from grinding operations on the cured material. Use only in well ventilated areas. Curing ovens must be vented to the outdoors. Wash contaminated clothing before reuse. Keep container closed. Keep out of reach of children.

NOTE: Utilize personal protection equipment when handling this product, i.e. impervious gloves and safety glasses.

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8. HEALTH HAZARD DATA

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EYE CONTACT: Irritating to eyes upon direct contact.

SKIN CONTACT: May cause skin irritation upon prolonged contact. May cause a sensitization in certain individuals.

INHALATION: Vapors may be irritating to the respiratory system.

INGESTION: May cause gastrointestinal irritation.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.